FM Portable CD Player

Operating Instructions



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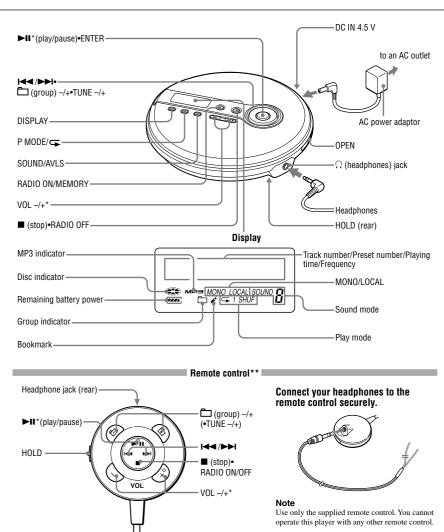
D-NF340 D-NF341





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http://www.sony.net/



- The button has a tactile dot

Except CEQ model.
"CEQ" is the area code. For the area code of the model you purchased, check the upper left side of the bar code on the package.

WARNING

To reduce the risk of fire or electric shock, do not expose this

Do not install the appliance in a confined space, such as a bookcase or built-in cabinet.

To reduce the risk of fire, do not cover the ventilation of the apparatus with newspapers, tablecloths, curtains, etc. And do not place lighted candles on the apparatus.

To reduce the risk of fire or electric shock, do not place objects filled with liquids, such as vases, on the apparatus

The use of optical instruments with this product will increase eye hazard.

Certain countries may regulate disposal of the battery used to power this product. Please consult with your local authority.

The validity of the CE marking is restricted to only those countries where it is legally enforced, mainly in the countries EEA (European

Disposal of Old Electrical & Electronic Equipment (Applicable in the European Union and other European countries with separate collection systems)



This symbol on the product or on its packaging indicates that this product shall not be treated a household waste. Instead it shall be handed over to nousenota waste. Instead it shall be handed over to the applicable collection point for the recycling of electrical and electronic equipment. By ensuring this product is disposed of correctly, you will help prevent potential negative consequences for the environment and human health, which could

environment and human health, which could otherwise be caused by inappropriate waste handling of this product. The recycling of materials will help to conserve natura resources. For more detailed information about recycling of this product, please contact your local Civic Office, your household waste disposal service or the shop where you purchased the product.

product. Applicable Accessories: Headphones, Rem

The following FCC statement applies only to the version of this model manufactured for sale in the USA. Other versions may not comply with FCC technical regulations.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following

- Reorient or relocate the receiving antenna
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

You are cautioned that any changes or modifications not expressly approved in this manual could void your authority to operate this equipment.

Discs Playable on this CD Player

- Audio CDs (CD-DA format CDs)
 MP3 CDs (CD-R/CD-RW on which audio data compressed in the MP3 format has been recorded)*
 * Only ISO 9660 Level 1/2 and Joliet extension format discs can

and sampling frequencies this CD player can play are as follows. Variable Bit Rate (VBR) files can also be played

	Bit rates	Sampling frequencies	
MPEG-1 Layer3	32 kbps – 320 kbps	32/44.1/48 kHz	
MPEG-2 Layer3	8 kbps – 160 kbps	16/22.05/24 kHz	
MPEG-2.5 Layer3	8 kbps – 160 kbps	8/11.025/12 kHz	

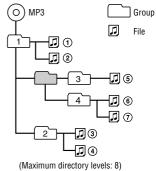
MP3 CDs

The usable number of groups and files

- Maximum number of groups: 256
 Maximum number of files: 512

Playing order

The playing order may differ depending on the method used to record MP3 files on the disc. In the following example, files are played in order of ① to ②.



- Depending on the quality of the disc and/or the condition of the
- recording device, it may take a while for playback to start. It is also possible playback may not start at all.
 On a disc that has MP3 files, do not save files in other formats
- On a disc that has MP3 files, do not save files in other formats and do not make unnecessary folders.
 Be sure to add the file extension "mp3" to the file name.
 However, if you add the extension "mp3" to a file other than an MP3 file, the player will not be able to recognize the file properly.
 To compress a source in an MP3 file, we recommend setting the compression parameters to "44.1 kHz," "128 kbps," and "Constant Bit Rate."
 To record up to the maximum capacity, set the writing software to "halting of writing."

Power Sources

To use the batteries (not supplied)

- 1 Slide OPEN to open the player lid and open the battery compartment lid inside the CD player.
- 2 Insert two LR6 (size AA) alkaline batteries by matching the ⊕ to the diagram inside the CD player and close the lid until it clicks into place. Insert the ⊖ end first (for both batteries).

Battery life* (approx. hours)

When using two Sony alkaline batteries LR6 (SG) (produced in Japan)

G-PROTECTION	G-on	G-off		
Audio CD	20	14		
MP3 CD (Recorded at 128 kbps)	30	30		
RADIO ON	5	0		
* Measured value by the standard of JEITA (Japan Electronics and				

- Information Technology Industries Association).
 The indicator sections of [roughly show the remaining
- battery power. One section does not always indicate one-fourth of

To use the AC power adaptor

Playing a CD

- ${f 1}$ Slide OPEN to open the lid and fit the CD to the pivot, then
- 2 Press ►II•ENTER.

To play from the first track, press and hold I-ENTER until playback starts while the CD player is stopped. To jump to the succeeding/previous groups*, press + or

*MP3 CD only

*MP3 CD only

• This CD player can play CD-Rs/CD-RWs recorded in the Compact Disc Digital Audio (Audio CD) format, but playback capability may vary depending on the quality of the disc and the condition of the recording device.

• This product is designed to play back discs that conform to the Compact Disc (CD) standard.

Recently, various music discs encoded with copyright protection technologies are marketed by some record companies. Please be aware that among those discs, there are some that do not conform to the CD standard and may not be playable by this product.

ed disc product which mates DVD recorded A DualDisc is a two sided disc product which mates DVD recorded material on one side with digital audio material on the other side. However, since the audio material side does not conform to the Compact Disc (CD) standard, playback on this product is not guaranteed.

Digital MEGA BASS function

uring play, press SOUND/AVLS repeatedly to select "SOUND 1"
"SOUND 2."

e sound is distorted, turn down the volur

While listening to the radio, this function is disabled.

AVLS* function

*Automatic Volume Limiter System
Press and hold SOUND/AVLS to select "AVLS ON" or "AVLS

AMS* / search function

*Automatic Music Sensor

To find the beginning of the previous/current/next/succeeding track(s): Press I◀/▶ repeatedly.
To go backward/forward quickly: Press and hold I◀◀/▶ H.

Checking CD information on the display

You can check CD information on the display.

Depending on the region in which you purchased your CD player, the default language may not be "ENGLISH." Change the

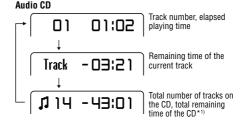
hayer, the detath rangage may be to be be a compared to the LANGUAGE setting, if necessary.

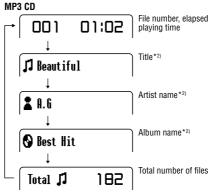
When you are playing MP3 CD containing files with an ID3 tag, ID3 tag information is displayed. (When there is no ID3 tag information, nothing is displayed.)

- **Notes** The characters A–Z, a-z, 0-9, and _ can be displayed on this
- Before playing a file, the player reads all file and group (or folder) information on the CD. "Reading" is displayed. Depending on the content of the CD, it may take some time to accomplish this reading.

To check information on the display

Press DISPLAY repeatedly





- *1) The displays appear only during normal play.
- *2) During play, these informations are not displayed if the disc does not have ID3 tag information.

Play mode function

Play mode function

During play, press P MODE/ repeatedly:

No indication (normal play) → " (group play)"*1 → "1 (single track play)" → "SHUF (shuffle play)" → " SHUF (group shuffle play)"*2 → " (Bookmark play)"

To repeat the play mode you selected, press and hold P MODE/ until " " appears.

*1 All files in the selected group are played once. MP3 CD only.

*2 All files in the selected group are played once in random order. MP3 CD only.

- MP3 CD only.

Bookmark play

If you add bookmarks to your favorite tracks, you can listen to these tracks only from the track with the lowest number.

- 1 During playback of the track where you want to add a Bookmark, press and hold ►II•ENTER until "

 (Bookmark)" flashes on the display.
- 2 Repeat step 1 to add Bookmarks to the tracks you want (up to 99 tracks for each audio CD and 512 tracks for each MP3 CD).
- 3 Press P MODE/← repeatedly until "♣*" flashes.
- 4 Press ►II•ENTER

To remove the Bookmarks

During playback of the track with a Bookmark, press and hold ►II-ENTER until "" disappears from the display.

If you change CDs and start playing, all the bookmarks added for the previous CD will be erased.

Listening to the Radio

1 Press RADIO ON/MEMORY to turn on the radio.

2 Press TUNE + or - to tune in the station you want and adjust the

Turning off the radio

Tuning in the station quickly

Press and hold TUNE + or – in step 2 until the frequency digits begin to change on the display. The CD player automatically scans the radio frequencies and stops when it finds a clear station.

Emphasizing the bass sound

While listening to the radio, press SOUND/AVLS repeatedly to make "SOUND" appear.

Improving broadcast reception



the headphones connected to the \(\hat{O}\) jack of the CD player. es cord works as the FM a

If it is hard to hear the FM broadcast due to interference from strong radio waves

- 1 While listening to the FM broadcast, press P MODE/
- 2 Press >II-ENTER within 10 seconds after you finished the
- previous operation.*
 "LOCAL" stops flashing.
 * If "LOCAL" disappears from the display, start from Step 1.

To cancel the LOCAL setting, press P MODE/←, and then press ►11-ENTER so that "LOCAL" disappears from the display.

If it is hard to hear the FM broadcast due to poor reception

- 1 While listening to the FM broadcast, press P MODE/ "LOCAL" flashes.
- 2 Press P MODE/ again
- "MONO" flashe
- 3 Press ►II•ENTER within 10 seconds after you finished the previous operation
- "MONO" stops flashing.
 * If "MONO" disappears from the display, start from Step 1.

To cancel the MONO setting, press P MODE/← twice, and then press ►11-ENTER so that "MONO" disappears from the display.

Presetting Radio Stations

- 1 Press RADIO ON/MEMORY to turn on the radio
- 2 Press DISPLAY for 3 seconds or more.
- The CD player starts scanning the stations from the lower frequencies and stops for about 5 seconds when a station is frequencie received.
- $\bf 3$ If you want to preset the received station, press ►II•ENTER until the preset number appears.

The received station is preset on the preset number 01 and the CD player starts scanning for the next receivable station. If you do not press >11-ENTER within 5 seconds, the CD player will start scanning the next receivable station without storing the

4 Repeat step 3 until all receivable stations are preset. If the stations have already been stored, the newly preset stations will replace the old ones

Presetting will not be completed until scanning of all receivable stations is finished. If you cancel presetting before scanning of all receivable stations is finished, the stations you preset are not stored in the CD player's memory.

Presetting stations manually

- 1 Press RADIO ON/MEMORY to turn on the radio.
- **2** Press TUNE + or to tune in the station you want.
- 3 Press and hold RADIO ON/MEMORY until the preset number

appears on the display. When the station is preset successfully, the beep is heard (in case that BEEP is set to "ON" in the menu).

The preset number increases by one.

4 Repeat steps 2 and 3 when you preset more stations

Preset number is selected automatically. You cannot select preset

To change a preset station

- 1 Press RADIO ON/MEMORY to turn on the radio
- 2 Press or >> to select the preset number of the station you
- 3 Press RADIO ON/MEMORY for 2 seconds or more
- 4 Press TUNE + or to tune in the station you want. Start this operation within 30 seconds after you finished the
- previous operation.

 If 30 seconds pass with nothing done, start from step 2. **5** Press and hold ►II•ENTER.
- The beep is heard (in case that BEEP is set to "ON" in the menu) and the preset station has been changed.

To cancel a preset station

- 1 Perform steps 1 to 3 of "To change a preset station
- 2 Press ■•RADIO OFF for 2 seconds or more.

When the preset station is canceled, and the next preset number decreases by one, the beep is heard (in case that BEEP is set to "ON" in the menu).

To cancel all preset stations

- 1 When nothing appears on the display, press ►II•ENTER with keeping DISPLAY pressed until the menu screen appears.
- 2 Press → +/- repeatedly to select "PRESET CLEAR," then press ► 11 ENTER.
- "CLEAR?" appears on the display. When you press >11-ENTER, all the preset stations are canceled.

Playing Preset Radio Stations

ne in a station easily by pressing | or > I

Changing the Tuning Interval

When using the CD player abroad, change the FM tuning interval on the menu, if necessary.

100 kHz area: the U.S.A., Canada, and Latin America

50 kHz area: Other areas

Change the tuning interval while the radio is turned off and CD

- Change the tuning interval while the radio is turned off and CD play is stopped, as follows.

 1 When nothing appears on the display, press ►11-ENTER with keeping DISPLAY pressed until the menu screen appears.

 2 Press + or repeatedly to select "TUNE STEP," then press ►11-ENTER.
- repeatedly to select "50 kHz" or "100 kHz" 3 Press → + or – repeate then press II-ENTER

After changing the tuning interval, you must preset radio stations again, as the preset stations are erased when you change the tuning interval.

Changing Optional Settings

on can set the various functi ad G-PROTECTION.

- 1 When nothing appears on the display, press >II•ENTER with keeping DISPLAY pressed until the menu screen appears.
- 2 Press + or to select the item you want and press ►II•ENTER.
- **3** Press + or to select an option and press ►II•ENTER.

Option items

or return to the previous screen, press ■•RADIO OFF on the CD player. To cancel the setting operation, press ■•RADIO OFF for 2 seconds or more.

Items	Options	(●: Default settings)	
LANGUAGE*		ENGLISH	Select the
(Language for			language for
menu, etc.)		DEUTSCH	menu text, warning
		ITALIANO	message, etc.
		ESPAÑOL	
		PORTUGUÊS	
		РУССКИЙ	•
G-PROTECTION (To prevent sound Skipping)	OFF	Protection against sounds skipping is not provided.	
	●ON	Protection against sounds skipping is provided with high quality CD sound.	
BEEP (Sound of operation)	OFF	The beep is turned off.	
	●ON	The beep sounds when you operate the player.	
TUNE STEP* (Changing the tuning interval)	100 kHz	Tuning interval is set to "100 kHz." FM frequency range is 87.5 MHz – 108.0 MHz.	
	50 kHz	Tuning interval is set to "50 kHz." FM frequency range is 87.5 MHz – 108.0 MHz.	
PRESET CLEAR (Canceling all preset stations)	CLEAR?	Select this when you cancel all preset stations.	

* Default settings vary for each area you purchased the CD player.

- Even if "G-PROTECTION" is set to "On," sound may skip:

 When the CD player receives stronger continuous shock than expected.
 When a di
- en a dirty or scratched CD is played, or
- For CD-Rs/CD-ROMs, when a poor-quality disc is played or there is a problem with the original recording device or application software.

Precautions

- Should any solid objects or liquid fall into the CD player, unplug it and have it checked by qualified personnel before operating it ny further.
- Do not put any foreign objects in the DC IN 4.5 V (external power input) jack

On power sources

When you are not using the CD player for a long time, disconnect all power sources from the CD player.

On the AC power adaptor

Use only the AC power adaptor supplied. If your player is not supplied with an AC power adaptor, use a commercially-available AC power adaptor* (rated output voltage/current: 4.5 V DC/700 mA). Do not use any other AC power adaptor. It may cause a malfunction.

* The voltage of power supply is different depending on the country. Please buy an AC power adaptor in the country where the product is to be used.



- Depending on the AC power adaptor, noise may be heard while using the system. Refer to the operating instructions of the AC power adaptor.
- power adaptor.

 Do not touch the AC power adaptor with wet hands.
 Connect the AC power adaptor to an easily accessible AC outlet. Should you notice an abnormality in the AC power adaptor, disconnect it from the AC outlet immediately.

On dry batteries

- On dry batteries

 Do not throw the batteries into fire.

 Do not carry the batteries with coins or other metallic objects. It can generate heat if the positive and negative terminals of the battery are accidentally contacted by a metallic object.

 Do not mix new batteries with old ones.

 Do not use different types of batteries together.

 When the batteries are not to be used for a long time, remove them.

 If battery leakage occurs, wipe off any deposit in the battery compartment, and install new batteries. In case the deposit adheres to you, wash it off thoroughly.

adheres to you, wash it off thoroughly

On the CD player

- Keep the lens on the CD player clean and do not touch it. If you do so, the lens may be damaged and the CD player will not
- you do so, the lens may be damaged operate properly.

 Do not put any heavy object on top of the CD player. The CD player and the CD may be damaged.

 Do not leave the CD player in a location near heat sources, or in a place subject to direct sunlight, excessive dust or sand, moisture, rain, mechanical shock, unleveled surface, or in a car with its
- rain, mechanical shock, unleveled surface, or in a car with its windows closed.

 If the CD player causes interference to the radio or television reception, turn off the CD player or move it away from the radio or television.

 Discs with non-standard shapes (e.g., heart, square, star) cannot be played on this CD player. Attempting to do so may damage the CD player. Do not use such discs.

On headphones

Road safety

Do not use headphones while driving, cycling, or operating any motorized vehicle. It may create a traffic hazard and is illegal in some areas. It can also be potentially dangerous to play neadphones at high volume while walking, especially at yeour crossings. You should exercise extreme caution or discontinue us in potentially hazardous situations.

Preventing hearing damage

Avoid using headphones at high volume. Hearing experts advise against continuous, loud and extended play. If you experience a ringing in your ears, reduce volume or discontinue use.

Consideration for others

Keep the volume at a moderate level. This will allow you to hear outside sounds and to be considerate to the people around you.

To clean the plugs

the plugs become dirty, there is no audio or noise is heard. Clean mem with a dry soft cloth periodically.

Troubleshooting

Should any problem persist after you h consult your nearest Sony dealer. ve made these checks,

"HOLD" appears on the display when you press a button, and

the CD does not play.

→ The buttons are locked. Slide HOLD back.

The volume does not increase even if you press VOL 4

repeatedly.

→ Press and hold SOUND/AVLS to select "AVLS OFF" so that you can cancel the AVLS function

The CD player does not operate properly.

→ Moisture condensation has occurred. Leave the player aside for several hours until the moisture evaporates.

Even though the file number is displayed, the player skips the file and does not play it.

A file with a format that is unplayable on this player is recorded

Specifications

CD player

System

Compact disc digital audio system

Laser diode properties

Emission duration: Continuous Laser output: Less than $44.6 \, \mu W$ (This output is the value measur at a distance of 200 mm from the objective lens surface on the optical pick-up block with 7 mm aperture.)

Radio

Frequency range FM: 87.5 MHz – 108.0 MHz

Antenna FM: Headphones cord antenna General

- Power requirements
 Two LR6 (size AA) batteries: 1.5 V DC × 2
 AC power adaptor (DC IN 4.5 V jack): 100 V 240 V, 50/60 Hz (Model for Mexico)

Dimensions (w/h/d) (without projecting parts and

Approx. $140.0 \times 32.7 \times 140.0 \text{ mm}$ (5 $\frac{5}{8} \times 1$ $\frac{5}{16} \times 5$ $\frac{5}{8}$ in.)

Mass (excluding accessories) Approx. 210 g (7.5 oz.)

Operating temperature 5°C - 35°C (41°F - 95°F)

MPEG Layer-3 audio coding technology and patents licensed from Fraunhofer IIS and Thomson. Design and specifications are subject to change without notice.

Supplied accessories

Supplied accessories

AC power adaptor (1)*
Headphones (1)
Remote control (1)**

Not supplied with U and CEQ models.

Not supplied with CEQ model.

"U" and "CEQ" are the area code. For the area code of the model you purchased, check the upper left side of the bar code on the package.

This warranty is valid only in the United States.

SONY®

Tape Cassette Player/Recorder/CD Player/Mini Disc DAT/Radio/Head Phone/Speaker/MIC/Personals

Portable Audio

LIMITED WARRANTY (U.S. Only)

Sony Electronics Inc. ("Sony") warrants this product against defects in material or workmanship for the time periods and as set forth below. Pursuant to this Limited Warranty, Sony will, at its option, (i) repair the product using new or refurbished parts or (ii) replace the product with a new or refurbished product. For purposes of this Limited Warranty, "refurbished" means a product or part that has been returned to its original specifications. In the event of a defect, these are your exclusive remedies.

Labor: For a period of ninety (90) days from the original date of purchase of the product ("Labor Warranty"), Sony will, at its option, repair or replace with new or refurbished product, product determined to be defective. If Sony elects to replace the product after this Labor Warranty has expired but while the Parts Warranty below is still in effect, it will do so for the applicable labor charge.

Parts: For a period of one (1) year from the original date of purchase of product ("Parts Warranty"), Sony will supply new or refurbished replacement parts in exchange for parts determined to be defective.

This Limited Warranty covers only the hardware components packaged with the Product. It does not cover technical assistance for hardware or software usage and it does not cover any software products whether or not contained in the Product; any such software is provided "AS IS" unless expressly provided for in any enclosed software Limited Warranty. Please refer to the End User License Agreements included with the Product for your rights and obligations with respect to the software

Instructions: To obtain warranty service, you must deliver the product, freight prepaid, in either its original packaging or packaging affording an equal degree of protection to the Sony authorized service facility specified. It is your responsibility to backup any data, software or other materials you may have stored or preserved on your unit. It is likely that such data, software, or other materials will be lost or reformatted during service and Sony will not be responsible for any such damage or loss. A dated purchase receipt is required. For specific instructions on how to obtain warranty service for your product,

www.sony.com/service Or call the Sony Customer Information Service Center 1-800-222-SONY (7669)

For an accessory or part not available from your authorized dealer, call: 1-800-488-SONY (7669)

Repair / Replacement Warranty: This Limited Warranty shall apply to any repair, replacement part or replacement product for the remainder of the original Limited Warranty period or for ninety (90) days, whichever is longer. Any parts or product replaced under this Limited Warranty will become the property of Sony.

This Limited Warranty only covers product issues caused by defects in material or workmanship during ordinary Inis Limited warranty only covers product issues caused by any other reason, including but not limited to product issues caused by any other reason, including but not limited to product issues due to commercial use, acts of God, misuse, limitations of technology, or modification of or to any part of the Sony product. This Limited Warranty does not cover Sony products sold AS IS or WITH ALL FAULTS or consumables (such as fuses or batteries). This Limited Warranty is invalid if the factory-applied serial number has been altered or removed from the product. This Limited Warranty is valid only in the United States.

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